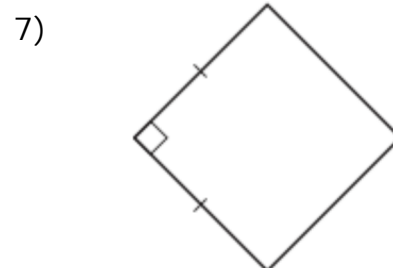
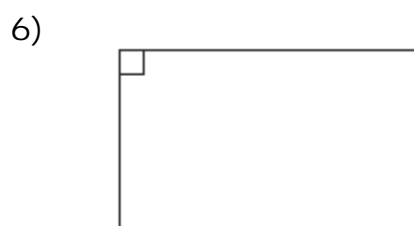
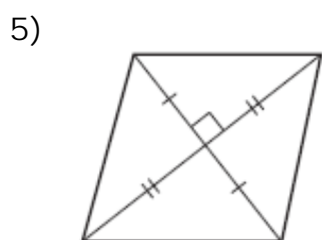
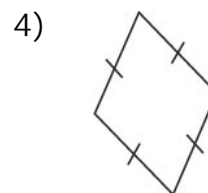
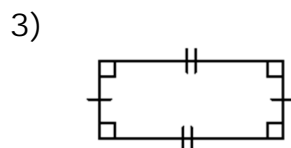
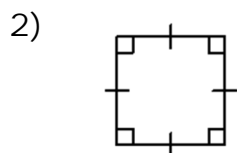
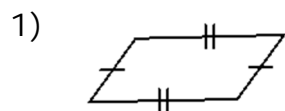


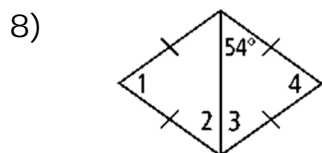
Name _____ Period _____

Geometry Unit 8 Worksheet #8 – Squares & Rhombi

For #1-7, determine if the quadrilateral is a *rectangle*, *rhombus* or *square*.

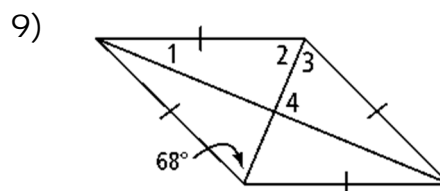


For #8 - 13, find the measures of the numbered angles in the *rhombus*.



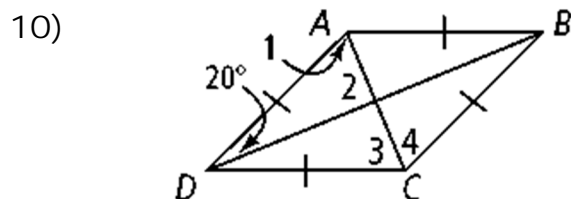
$\angle 1 = \underline{\hspace{2cm}}$ $\angle 2 = \underline{\hspace{2cm}}$

$\angle 3 = \underline{\hspace{2cm}}$ $\angle 4 = \underline{\hspace{2cm}}$



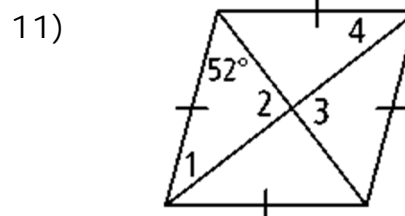
$\angle 1 = \underline{\hspace{2cm}}$ $\angle 2 = \underline{\hspace{2cm}}$

$\angle 3 = \underline{\hspace{2cm}}$ $\angle 4 = \underline{\hspace{2cm}}$



$\angle 1 = \underline{\hspace{2cm}}$ $\angle 2 = \underline{\hspace{2cm}}$

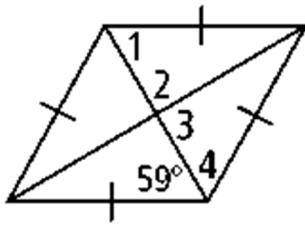
$\angle 3 = \underline{\hspace{2cm}}$ $\angle 4 = \underline{\hspace{2cm}}$



$\angle 1 = \underline{\hspace{2cm}}$ $\angle 2 = \underline{\hspace{2cm}}$

$\angle 3 = \underline{\hspace{2cm}}$ $\angle 4 = \underline{\hspace{2cm}}$

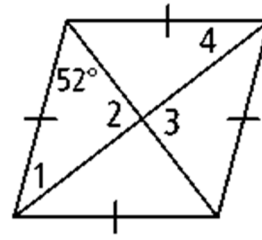
12)



$$\angle 1 = \underline{\hspace{2cm}} \quad \angle 2 = \underline{\hspace{2cm}}$$

$$\angle 3 = \underline{\hspace{2cm}} \quad \angle 4 = \underline{\hspace{2cm}}$$

13)



$$\angle 1 = \underline{\hspace{2cm}} \quad \angle 2 = \underline{\hspace{2cm}}$$

$$\angle 3 = \underline{\hspace{2cm}} \quad \angle 4 = \underline{\hspace{2cm}}$$

14) EFGH is a square with $JG = 15$. Find the missing measures.

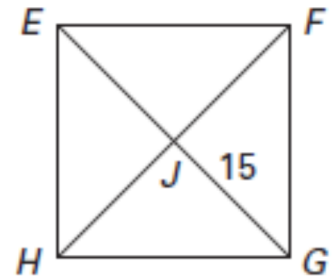
$$EJ = \underline{\hspace{2cm}} \quad FJ = \underline{\hspace{2cm}}$$

$$JH = \underline{\hspace{2cm}} \quad EF = \underline{\hspace{2cm}}$$

$$FG = \underline{\hspace{2cm}} \quad HG = \underline{\hspace{2cm}}$$

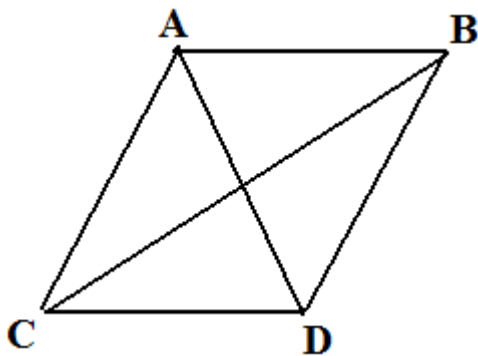
$$\angle EHG = \underline{\hspace{2cm}} \quad \angle FHG = \underline{\hspace{2cm}}$$

$$\angle HJG = \underline{\hspace{2cm}} \quad \angle EGF = \underline{\hspace{2cm}}$$



For #15 & 16 ABCD is a rhombus. Use the given information to solve for AB.

15. $AD = 16$ and $BC = 12$



16. $AD = 10$ and $BC = 24$

